

Meeting Evaluation Summary from FUPWG Fall 2003 Meeting  
Washington, DC  
October 23-24, 2003

---

A total of 120 members attended the meeting. 49 members filled out evaluation forms – representing 40% (39 filled them out at Portland meeting).

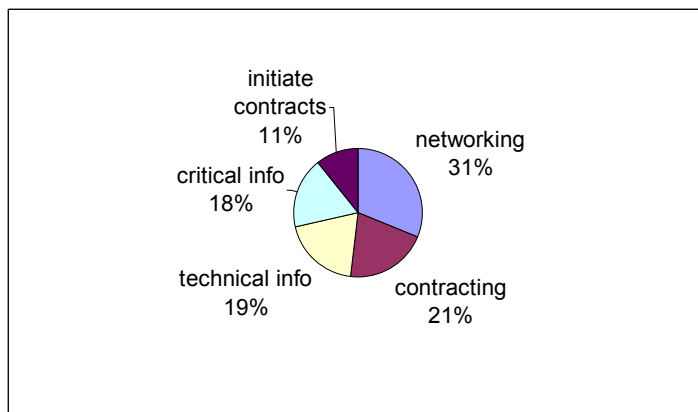
### **SURVEY RESPONDENTS**

- 20 respondents were Federal agencies
- 6 were national laboratories
- 4 were electric utilities
- 10 were electric & gas utilities
- 1 was a gas utility
- 2 were ESCO's
- 6 were "other"

**MEETING ATTENDANCE** (number in parentheses indicate number of respondents on previous meeting's evaluation form)

- 11 respondents indicated that they attend periodically (10)
- 7 respondents attend meetings once a year (10)
- 26 respondents attend meetings twice a year (14)
- 5 respondents were new members (0)

**FACTORS INFLUENCING DECISION TO ATTEND MEETING** (number in parentheses indicate number of respondents on previous meeting's evaluation form)



- 40 people listed "networking" (29)
- 27 people listed "contracting" (20)
- 25 people listed "technical information" (14)
- 23 people listed "impending changes in the electric industry" (11)
- 14 people listed "initiate contracts" (5)

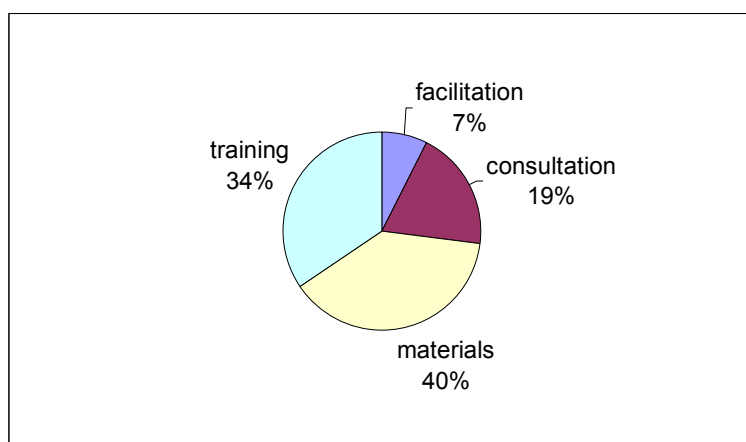
**INCLINATION TO ATTEND FUTURE FUPWG MEETING** (number in parentheses indicate number of respondents on previous meeting's evaluation form)

- 42 people are inclined (36)
- 1 E&G said “not inclined”, 1 lab said “not inclined”, 1 Federal agency said “not inclined”
- 2 said maybe, depending on agenda

## **FEMP ASSISTANCE IN IMPLEMENTING ENERGY/WATER EFFICIENCY and RENEWABLE ENERGY PROJECTS**

- 36 have used FEMP services for direct project facilitation, periodic consultation, background materials, or training/workshops
- 13 have **NOT** used FEMP services for direct project facilitation, periodic consultation, background materials, or training/workshops

Of those 36 who have used FEMP services, they use the following services:



- 5 use direct project facilitation
- 13 use periodic consultation on specific issues
- 26 use background materials
- 23 use training workshops

### *Project Data*

Some respondents that utilize FEMP services quantified the number of projects initiated and resulting savings. Results are below.

Type of Organization	Mechanical System Upgrade	Controls	Lighting	Renewables	Steam System Upgrades	Cogeneration	Water Conservation	Other	Resulting Savings	Details
Fed Agency	X (no exact number given)								\$400K	
E&G utility	15+	12+	30+			3		1 (DG)		
ESCO	10	5	20			5			\$2-4 M estimated savings	Used FEMP presentations on CHP and other tech. in proposals
E&G utility (new member)		4	3		1				\$2-3 M	
Fed Agency	3	3	6		3		2		\$3.6 M	

Fed Agency	1				1				\$2 M	
Fed Agency	15	6	15		4	2	6	7	\$10-12 M	
E&G utility	5	2							\$5-8 M	
Fed Agency	3	2	3		2		2		\$200K	
<b>Total</b>	<b>52+</b>	<b>34+</b>	<b>77+</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>\$25.2-33.2 MILLION</b>	

### LEVEL OF INTEREST IN COMBINED HEAT AND POWER TECHNOLOGIES

- 18 indicated “high” interest
- 22 indicated “moderate” interest
- 7 indicated “low” interest – ½ of these were Federal agencies
- 2 did not respond

### SUGGESTED TOPICS FOR UPCOMING MEETINGS

Recommendations for topics for future meetings were fairly evenly distributed across the topic areas. The two favorite areas were critical issues and new technologies. For critical updates, most were interested in hearing about areawide contract issues. For new technology updates, geothermal and CHP seem to be of high interest as well. There were also eight requests for energy policy update.

Members suggested the following topics for upcoming meetings. Topics in red are of most interest to members.

<i>Contracting</i>	<i>17</i>	<ul style="list-style-type: none"> <li>• BOA</li> <li>• discussion on AWC vs. writing your own (3)</li> </ul>
<i>Case Studies and Partnership</i>	<i>18</i>	<ul style="list-style-type: none"> <li>• water conservation</li> <li>• O&amp;M (4)</li> <li>• M&amp;V (4)</li> <li>• joint utility contracts (5)</li> <li>• utility assistance with DER (2)</li> <li>• utility barriers to DER (3)</li> <li>• lessons learned (4)</li> </ul>
<i>Critical Update</i>	<i>22</i>	<ul style="list-style-type: none"> <li>• updates from civilian agencies (6)</li> <li>• GSA/GAO areawide contract update (7)</li> </ul>
<i>Current Issues</i>	<i>16</i>	<ul style="list-style-type: none"> <li>• privatization (3)</li> <li>• CHP (5)</li> <li>• interconnection issues (2)</li> <li>• DER specific technology (2)</li> </ul>
<i>Financing</i>	<i>15</i>	<ul style="list-style-type: none"> <li>• DG projects (2)</li> <li>• CHP projects (2)</li> </ul>
<i>New Technologies</i>	<i>22</i>	<ul style="list-style-type: none"> <li>• Geothermal (4)</li> </ul>

		<ul style="list-style-type: none"> <li>• CHP (4)</li> <li>• fuel cell (solid oxide)</li> <li>• cogeneration (3)</li> <li>• DG (3)</li> </ul>
<i>Policy</i>	<i>19</i>	<ul style="list-style-type: none"> <li>• assistance with promoting UESCs (3)</li> <li>• Federal regulations (2)</li> <li>• Executive Orders (5)</li> <li>• energy policy update (8)</li> <li>• FERC changes (3)</li> </ul>
<i>Renewables</i>	<i>15</i>	<ul style="list-style-type: none"> <li>• Wind (3)</li> <li>• Solar (4)</li> <li>• geothermal (2)</li> <li>• geothermal heat pumps</li> </ul>
<i>Security Issues</i>	<i>11</i>	<ul style="list-style-type: none"> <li>• facility security and its interaction with energy efficiency (2)</li> </ul>
<i>Other</i>	_____	<ul style="list-style-type: none"> <li>• Water security, more water/sewer issues</li> <li>• Background on standby rates</li> <li>• Reliability in light of the NE outage and hurricane disaster/restoration. What can we do as customers to protect ourselves?</li> <li>• Contract lessons learned and improvements, performance verification</li> <li>• Financing, refinancing</li> <li>• Consider “special meeting” of Alternative Financing</li> <li>• Impacts of savings guarantees on the utilities willingness to participate in UESC</li> <li>• CHP facts and fiction</li> <li>• Cogeneration facts and fiction</li> <li>• Energy reliability</li> <li>• Talk not only about financing, but related construction costs. Seems like the construction side is just taken for granted but CO’s are really negotiating two arenas.</li> <li>• Performance metrics using ROI approach, cost avoidance savings</li> </ul>

## COMMENTS

Excellent meeting – good hotel and well organized! Thanks. – *Federal Agency*

Can we hear more from the utility companies? – *Federal Agency*

I think we need to measure FUPWG success and/or failures so the committee can make improvements. – *Federal Agency*

Kudos to Brad. All excellent presentations, not one dull or dragging! – *Financing source*